

# MATERIAL SAFETY DATA SHEET

Required under USDL Safety and Health Regulations for Ship Repairing,  
Shipbuilding, and Shipbreaking (29 CFR 1915, 1916, 1917)

DPH 6053

## SECTION I

MANUFACTURER'S NAME E. I. du Pont de Nemours & Co., Inc.		EMERGENCY TELEPHONE NO. (302) 774-7500
ADDRESS (Number, Street, City, State, and ZIP Code) DuPont, F&F Wilmington, Delaware 19898		
CHEMICAL NAME AND SYNONYMS N.A.	TRADE NAME AND SYNONYMS N.A.	
CHEMICAL FAMILY Yellow Alkyd Stencil Paste	FORMULA 23-834 (10/28/77)	

## SECTION II - HAZARDOUS INGREDIENTS

PAINTS, PRESERVATIVES, & SOLVENTS	%	TLV (Units)	ALLOYS AND METALLIC COATINGS	%	TLV (Units)
PIGMENTS			BASE METAL		
CATALYST			ALLOYS		
<del>MONOMER</del> Approx.		PPM	METALLIC COATINGS		
SOLVENTS Aliphatic Pet Dist*	2	100	FILLER METAL PLUS COATING OR CORE FLUX		
<del>MONOMER</del> Aromatic Pet Dist**	8	100	OTHERS		
OTHERS			Approximate		Mg/M <sup>3</sup>
HAZARDOUS MIXTURES OF OTHER LIQUIDS, SOLIDS, OR GASES				%	TLV (Units)
Lead from pigment on total wt. of solids				16	0.15
Chromate from pigment on total wt. of solids				5.8	0.1
Antimony " " " " " "				0.5	0.5

## SECTION III - PHYSICAL DATA

BOILING POINT (°F.) Approx. Range	275-426	SPECIFIC GRAVITY (H <sub>2</sub> O=1)	1.681
VAPOR PRESSURE (mm Hg.) Principal Solvent	10.0	PERCENT VOLATILE BY VOLUME (%)	22
VAPOR DENSITY (AIR=1) Principal Solvent	3.7	EVAPORATION RATE (Ether = 1) Slower than	Ether
SOLUBILITY IN WATER	Negligible		
APPEARANCE AND ODOR Viscous yellow paste; mild solvent odor			

## SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (Method used) Between 100° & 140°F (C.C.)	FLAMMABLE LIMITS Approximate	Lel	Uel
		1.0	7.0
EXTINGUISHING MEDIA Foam, Carbon Dioxide, Dry Chemical			
SPECIAL FIRE FIGHTING PROCEDURES Water from fog nozzles may be used to cool closed containers to prevent pressure build-up when exposed to extreme heat.			
UNUSUAL FIRE AND EXPLOSION HAZARDS N.A.			

## SECTION V - HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE *\*By analogy to Heptane & Octane*  
*See Section II \*\** " " " Xylene

EFFECTS OF OVEREXPOSURE  
 Headache, nausea, impairment of reaction time and coordination

## EMERGENCY AND FIRST AID PROCEDURES

Inhalation - Move to fresh air to restore breathing.

Skin contact - Wash with soap and water. Remove contaminated clothing.

Eye contact - Flush with water for at least 15 minutes; call a physician

## SECTION VI - REACTIVITY DATA

STABILITY	UNSTABLE		CONDITIONS TO AVOID
	STABLE	X	N.A.

INCOMPATIBILITY (Materials to avoid) None reasonably foreseeable

HAZARDOUS DECOMPOSITION PRODUCTS  
 CO, CO<sub>2</sub>, Smoke, oxides of lead, chromium, antimony

HAZARDOUS POLYMERIZATION	MAY OCCUR		CONDITIONS TO AVOID
	WILL NOT OCCUR	X	N.A.

## SECTION VII - SPILL OR LEAK PROCEDURES

## STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED

Avoid prolonged contact with skin and breathing of vapor.

Remove sources of ignition. Remove with inert absorbent and non-sparking tools.

Ventilate area.

## WASTE DISPOSAL METHOD

Disposal method must comply with Local, State, and Federal Regulations.

## SECTION VIII - SPECIAL PROTECTION INFORMATION

Use adequate ventilation. A cartridge-type respirator, used in accordance with the  
 RESPIRATORY PROTECTION (Specify type) manufacturer directions is recommended if engineering and  
 administrative controls of air contaminants is not feasible.

VENTILATION	LOCAL EXHAUST Provide sufficient ventilation to keep	SPECIAL Remove sources of ignition
	MECHANICAL (General) below given TLV & LEL	OTHER N.A.

PROTECTIVE GLOVES Use for prolonged or repeated contact	EYE PROTECTION Use safety eyewear to prevent splashes
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OTHER PROTECTIVE EQUIPMENT Use appropriate industrial hygiene practices

## SECTION IX - SPECIAL PRECAUTIONS

## PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING

Keep away from heat, sparks, and open flame. Close container after each use.

Do not store above 120°F.

## OTHER PRECAUTIONS

Wash thoroughly after handling and before eating or smoking.

Observe Label Precautions. Containers should be grounded when pouring.

## NOTICE FROM DUPONT

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 GPO 9-20-340

"The data in this Material Safety Data Sheet relates only to the specific material designated herein and does not relate to use in combination with any other material or in any process."

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